

MS/MS Parameters of Pesticides

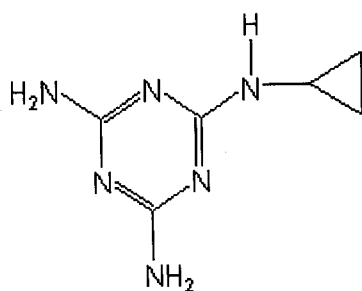
Analyte: Cyromazine

CAS No.: 66215-27-8

Formula: C₆H₁₀N₆

Molecular mass (lowest isotopes): 166,10 amu

Structure:



Ionisation: ESI +

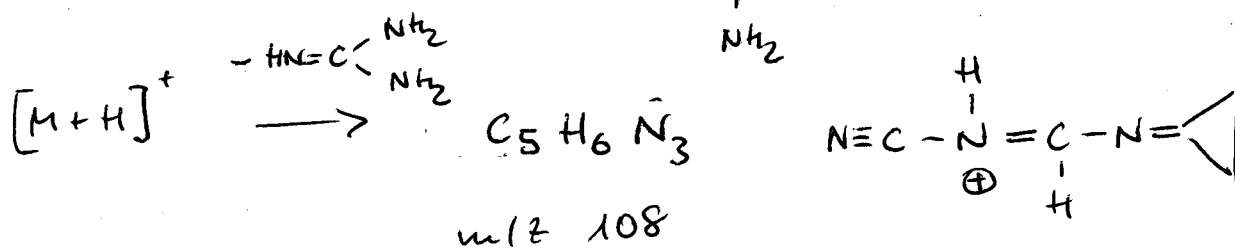
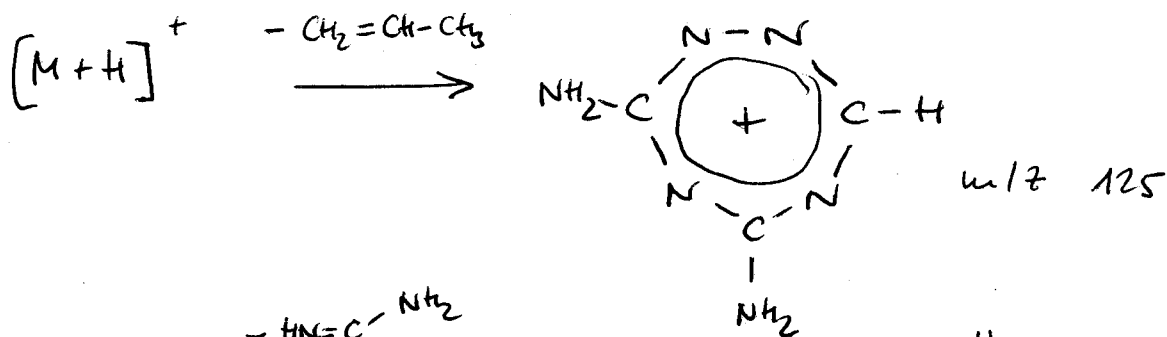
Quasimolecular ion: 167,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

| Transition | 167,1 → 125,0 | 167,1 → 108,1 |
|---|---------------|---------------|
| Declustering potential (DP) ^{*)} | 44 V | 44 V |
| Focusing potential (FP) | 310 V | 280 V |
| Entrance potential (EP) | 8,5 V | 8,5 V |
| Collision cell entrance potential (CEP) | 14 V | 12 V |
| Collision energy (CE) | 25 V | 29 V |
| Collision cell exit potential (CXP) | 6 V | 4 V |

^{*)} For API 3000 and 4000 enhance DP by 20V

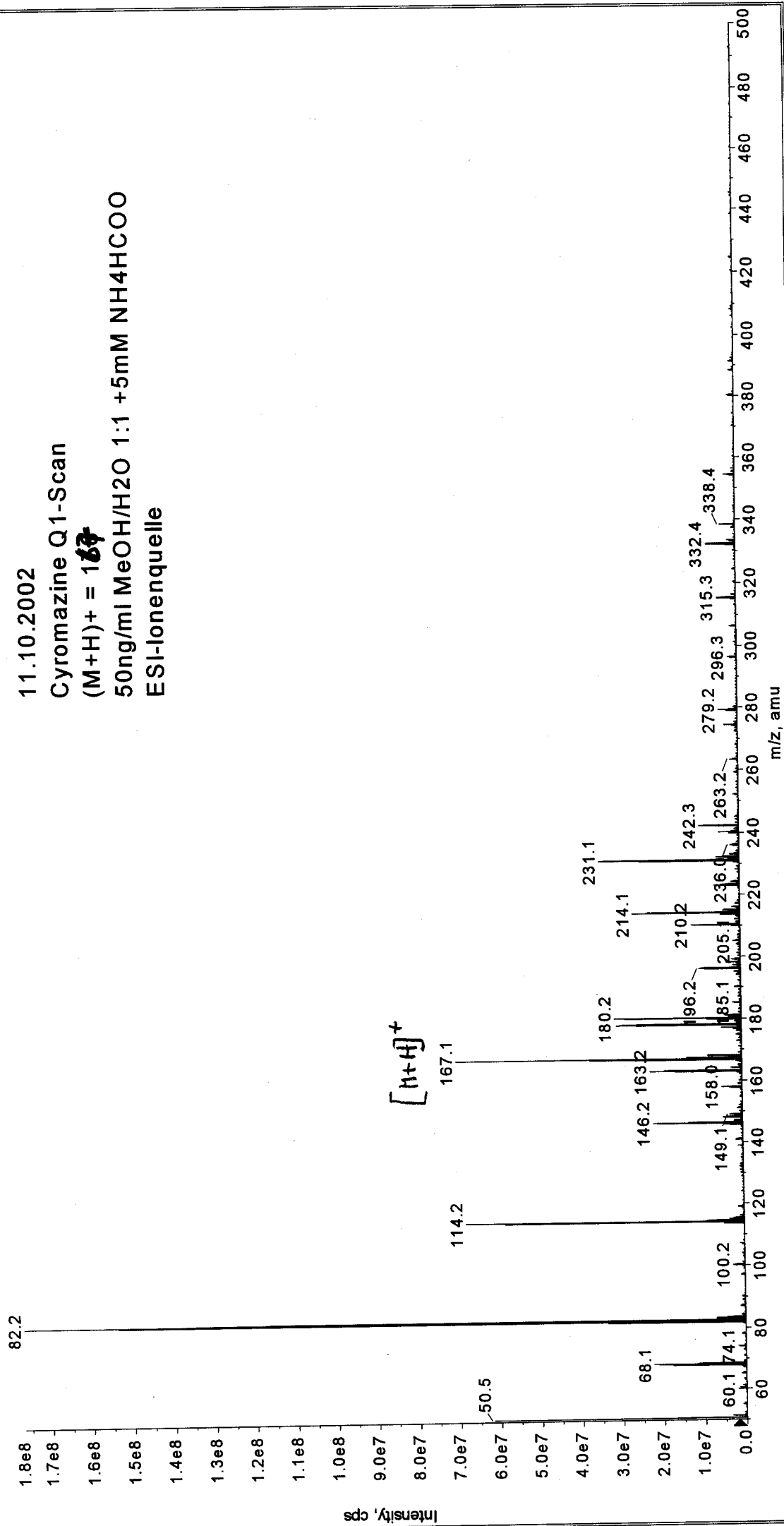
Fragmentation



Max. 1.8e8 cps.

+Q1: 30 MCA scans from MT20021011085512.wiff

11.10.2002
Cyromazine Q1-Scan
(M+H)⁺ = 167
50ng/ml MeOH/H₂O 1:1 +5mM NH₄HCOO
ESI-Ionenquelle



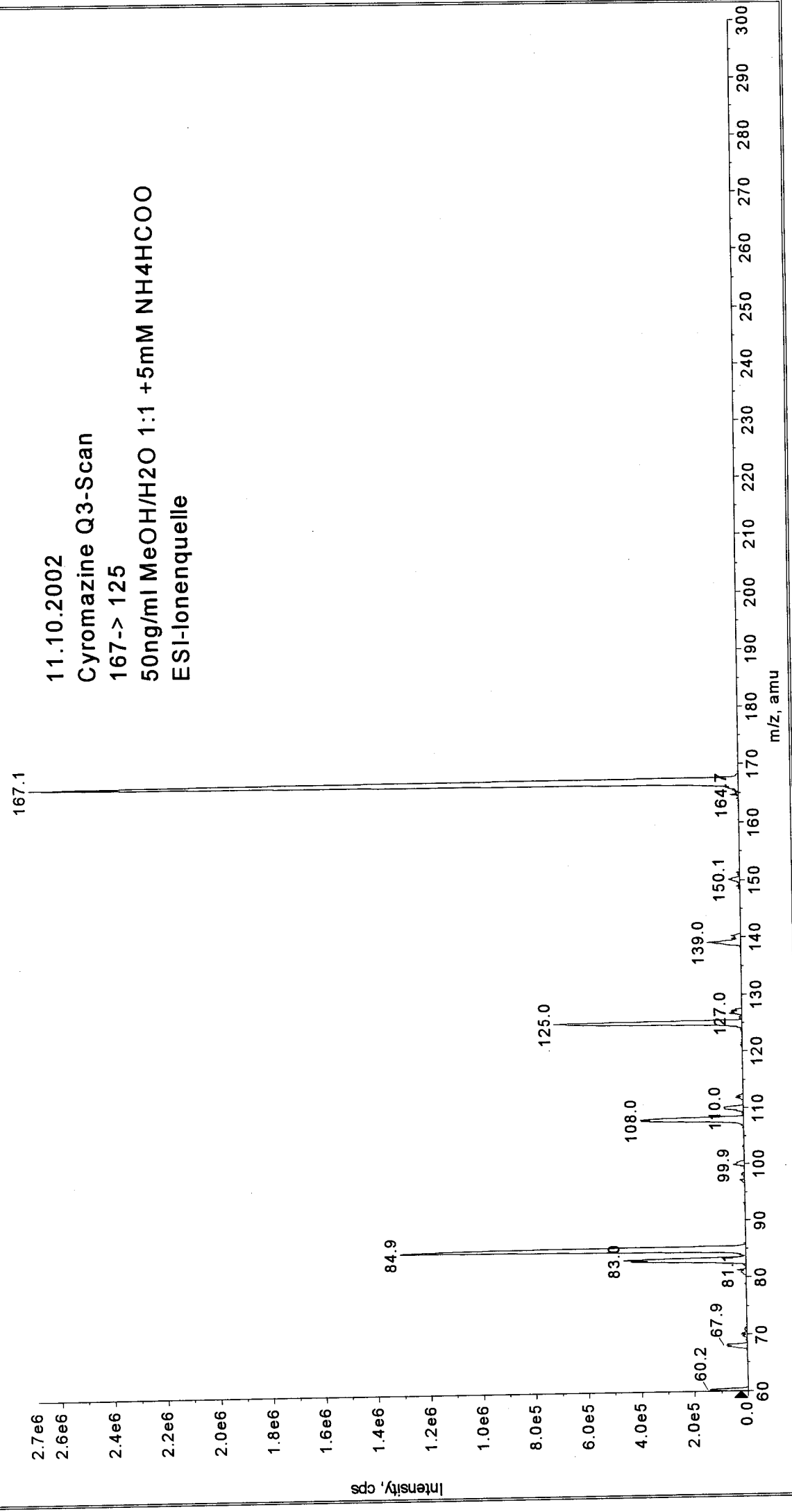
Sample Comment:
Sample Name:
Batch Name: N/A

Acq. Date: Friday, October 11, 2002
Acq. Time: 08:59
Acq. File: MT20021011085952.wiff

Printing Date: 11 October 2002
Printing Time: 09:01:26

Max. 2.7e6 cps

+Product (167.0): 30 MCA scans from MT20021011085952.wiff



Max. 1.4e6 cps

■ +Product (167.0): 30 MCA scans from MT20021011091601.wiff

